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July 6, 2007

The Honorable Chairman and Members of the
Hawaii Public Utilities Commission
465 South King Street
Kekuanaoa Building, 1st Floor
Honolulu, Hawaii 96813

PUBLIC UTILITIES
COMMISSION
2007 JUL -6 P 4:11
FILED

Dear Commissioners:

Subject: Docket No. 2006-0387
MECO 2007 Test Year Rate Case – June 2007 Updates – Set #2

Enclosed is the second set of updates to Maui Electric Company, Limited's ("MECO") 2007 test year estimates reflected in the Application, Direct Testimonies, Exhibits and Workpapers filed with the Commission on February 23, 2007. This set includes updates to the following:

- MECO T-14 – Annabel Arase

Very truly yours,

Dean K. Matsuura
Director, Regulatory Affairs

Enclosure

cc: Division of Consumer Advocacy
Sawvel & Associates, Inc.
Utilitech, Inc.

JUNE 2007 UPDATE

Ref: Annabel Arase, MECO T-14, Plant Additions, Plant Retirements, Contributions in Aid of Construction, and Customer Advances

MECO Response:

Consistent with the response to CA-IR-184, submitted on June 12, 2007, the Company revised its 2007 test year estimates for Plant Additions, Plant Retirements, Contributions In Aid of Construction ("CIAC"), and Customer Advances, which are described in detail below and in separate, updated responses to CA-IR-185, CA-IR-186 and CA-IR-190.

PLANT ADDITIONS

As shown on Attachment 1 (page 1), MECO-1401 was updated to reflect the Company's updated 2007 test year estimate for plant additions of approximately \$37,106,000 for Maui (line 3, column B), \$304,000 for Lanai (line 3, column C) and \$95,000 for Molokai (line 3, column D) for a total test year estimate of approximately \$37,505,000 (line 3, column E). See Attachment 1 (pages 2, 3, and 4) for an updated MECO-WP-1401B that further breaks down the above-described amounts by project number and by island. See Attachment 1 (pages 5, 6, and 7) for an updated MECO-WP-1401C (which includes straggling costs reflected in the updated MECO-WP-1401D) that further breaks down the project number amounts into specific project costs. See Attachment 1 (page 8) for an updated MECO-WP-1401D which provides updated straggling costs and Attachment 1 (page 9) for an updated MECO-WP-1401E which provides updated program (i.e., blanket) expenditures.

The total increase of approximately \$3,630,000 as reflected on page 1 of Attachment 1 estimated plant additions total for the 2007 test year for Maui, particularly project number M3141001, Maalaea Power Plant Unit 18 ("M18"), of approximately \$3.6 million as shown on

the updated MECO-WP-1401B (line 1, column B) (page 2 of Attachment 1). The increase in cost for M18 was further explained in the Company's Docket No. 7744 Interim Accounting Report filed on March 5, 2007.

In addition, there were projects initially shown on MECO-WP-1401B that were anticipated to be completed in 2006 that were ultimately delayed and are now scheduled to be completed in 2007. There were also new projects added that were not identified in MECO T-14 and projects that were scheduled to be added to plant in 2007 that are now being deferred outside of the 2007 test year that offset the increase in the total plant additions estimate.

For Lanai, the estimated plant additions for the 2007 test year decreased by \$113,000, as shown on updated MECO -1401 (line 2, column C) (page 1 of Attachment 1) compared to the original estimate of \$417,000, as shown on updated MECO-1401 (line 1, column C) (page 1 of Attachment 1). The decrease is primarily due to the deferral of project number M0000387, Lanai SCADA Upgrade, of approximately \$179,000 outside of the 2007 test year, as indicated on the updated MECO-WP-1401B (line 19, column B) (page 2 of Attachment 1).

Similarly, as shown on the updated MECO-1401 (line 2, column D) (page 1 of Attachment 1), the estimated plant additions for 2007 test year for Molokai decreased by \$379,000 from the Company's original estimate of \$474,000, as shown on the updated MECO-1401 (line 1, column D) (page 1 of Attachment 1). The decrease is primarily due to the deferral of project number M0000637, Kaluakoi UG Main Feeder Replacement Ph. 3, of approximately \$300,000 outside of the 2007 test year, as indicated on the updated MECO-WP-1401B (line 35, column B) (page 2 of Attachment 1).

PLANT RETIREMENTS

See Attachment 1 (pages 11, 12 and 13) for updated MECO-1404, MECO-WP-1404A and MECO-WP-1404B. The updated test year estimate for plant retirements is now \$1,269,000 for Maui, as shown on the updated MECO-1404 (line 5, column C), \$1,000 for Lanai (line 5, column F), and \$44,000 for Molokai (line 5, column I). In total, the updated 2007 test year estimate for plant retirements is \$1,314,000 (line 5, column L), an increase of \$246,000 (line 5, column K), which is primarily due to vehicle retirements that were originally estimated for retirement in 2006, but subsequently recorded in 2007. As indicated on page 16 of Attachment 1 of the Company's response to CA-IR-184, there were no vehicle retirements recorded in 2006 compared to the test year estimate of \$310,267 in MECO-1404B of the Company's direct testimony. This reduction is reflected in the 2006 general plant retirements on page 15 of Attachment 1 of the response to CA-IR-184.

CONTRIBUTIONS IN AID OF CONSTRUCTION ("CIAC")

Since the submission of MECO T-14, cash CIAC receipts for the 2007 test year have increased significantly, while in-kind CIAC and transfers from customer advances remain unchanged, as shown on the updated MECO-1406. See Attachment 1 (page 14) for the updated MECO-1406. The updated cash CIAC receipts is now \$3,314,000 for Maui, \$92,000 for Lanai and \$647,000 for Molokai, as noted on the updated MECO-1406 (line 3, columns A, B, and C, respectively). For Maui, cash CIAC receipts increased by \$1,399,000 (line 2, column A) from its original estimate of \$1,915,000 (line 1, column A). For Lanai and Molokai, cash CIAC receipts increased by \$17,000 (line 2, column B) and \$319,000 (line 2, column C), respectively, as compared to the Company's original 2007 test year estimate of \$75,000 (line 1, column B) and

\$328,000 (line 1, column C), respectively. The increases for each island are primarily due to a higher historical 5-year recorded average percentage to the associated programs from 41.62% to 47.71% with the inclusion of the 12/31/06 recorded balances, as shown on the updated MECO-WP-1406C, provided as Attachment 1 (page 15). In addition, the higher 2007 test year CIAC estimate is a result of the higher than originally estimated capital expenditures for construction projects for which the Company may receive CIAC. These construction projects increased from \$6,339,000 to \$9,164,000, as noted on the updated MECO-WP-1406C. (line 11, columns H and J, respectively).

CUSTOMER ADVANCES

Similar to CIAC, the estimated receipts and refunds of customer advances for the 2007 test year were also updated as shown on the updated MECO-1407, provided as Attachment 1 (page 16). As indicated in the updated MECO-1407 (line 7), the transfers to CIAC remain unchanged. However, as shown on the updated MECO-1407, the estimated receipts of customer advances for the 2007 test year are now \$1,978,000 for Maui (line 3, column A), \$68,000 for Lanai (line 3, column B) and \$42,000 for Molokai (line 3, column C), respectively. For Maui, the estimated receipts of customer advances increased by \$780,000 (line 2, column A) from its original estimate of \$1,198,000 (line 1, column A), as shown on the updated MECO-1407. For Lanai and Molokai, the estimated receipts of customer advances increased by \$9,000 (line 2, column B) and decreased by \$8,000 (line 2, column C) from its original estimate of \$59,000 (line 1, column B) and \$50,000 (line 1, column C), respectively. The increases in estimated receipts of customer advances for Maui and Lanai are primarily due to the higher historical 5-year recorded average percentage to the associated programs from 20.62% to 22.78% with the

inclusion of the 12/31/06 recorded balances, as shown on the updated MECO-WP-1407A, provided as Attachment 1 (page 17). In addition, and similar to the reasons provided for the CIAC increases above, the increases in the estimated receipts of customer advances for Maui and Lanai are a result of the higher than originally estimated capital expenditures for construction projects for which the Company may receive customer advances. These construction projects increased from \$6,339,000 to \$9,164,000, as noted on the updated MECO-WP-1407A. (line 11, columns H and J, respectively). For Molokai, the estimated receipts of customer advances for the 2007 test year decreased primarily due to the decrease in the 5-year historical average with the inclusion of the 2006 recorded receipts.

As shown on the updated MECO-1407 (Attachment 1, page 16), the estimated customer advance refunds for the 2007 test year are now \$838,000 for Maui (line 6, column A), \$27,000 for Lanai (line 6, column B), and \$2,000 for Molokai (line 6, column C). The revised 2007 test year estimate for customer advance refunds for Maui and Lanai increased by \$251,000 (line 5, column A) and \$15,000 (line 5, column B) from the original estimate of \$587,000 (line 4, column A) and \$12,000 (line 4, column B), respectively. The increases for Maui and Lanai are primarily due to higher than originally estimated customer advance ending balances as of 12/31/06 and a higher percentage of customer advance refunds for the 5-year historical average for the years 2002-2006 to the actual customer advance balances for those years. For Molokai, the customer advance refunds is now \$2,000, as shown on the updated MECO-1407 (line 6, column C), which decreased by \$1,000 (line 5, column C). This decrease is primarily due to a lower than originally estimated customer advance ending balance as of 12/31/06 as shown on the updated MECO-WP-1407B, provided as Attachment 1 (page 18).

Maui Electric Company, Limited

2007

PLANT ADDITIONS

(\$ Thousands)

2007 Test Year

(A) <u>Year</u>	(B) <u>Maui</u>	(C) <u>Lanai</u>	(D) <u>Molokai</u>	(E) <u>Total</u>	(F) <u>Reference</u>
1 2007 Test Year	32,984	417	474	33,875	
2 6/07 Bud Adj	4,122	(113)	(379)	3,630	
3 Revised Test Year	<u>37,106</u>	<u>304</u>	<u>95</u>	<u>37,505</u>	MECO-WP-1401B

Sources

Specific Project Costs (including Stragglng Costs): MECO-WP-1401C

Stragglng Costs: MECO-WP-1401D

Program Expenditures: MECO-WP-1401E

Totals may not add due to rounding.

Maui Electric Company, Limited
Estimated Capital Projects By Project Number To Be
Completed In The Year Ending December 31, 2007

Project #	Function	Category	Type	Description	A	B	C	D	E	F
					2007 Test Year	6/07 Bud Adj	Revised Test Year	Maui	Lanai	Molokai
MAJOR CAPITAL PROJECTS (GREATER THAN \$2,500,000)										
1	M3141001	Prod	Steam	MPP M18-18 MW Steam Turbine Nl	308,295	3,578,944	3,887,239	3,887,239		
				Subtotal - Major Capital Projects	308,295	3,578,944	3,887,239	3,887,239		
NON-MAJOR CAPITAL PROJECTS (\$2,500,000 AND BELOW)										
2	Aldica15_	Dist	Underground	Kahalani Site 10		188,885	188,885	188,885		
3	Aldic16	Dist	Underground	Kahalani South		228,036	228,036	228,036		
4	BJohns25_	Dist	Underground	Mokulele Hwy Widening PH1A-St Lts		136,846	136,846	136,846		
5	BJohns29_	Dist	Underground	Hokulani Golf Villas		520,448	520,448	520,448		
6	DOste28_	Dist	Underground	Ho'olei		179,517	179,517	179,517		
7	DTaka53_	General	Misc	Engineering Storage Trailer		17,982	17,982	17,982		
8	M0000012	Trans	Substation	Waiinu Sub 36 Unit Sub/69kv Brkr Addn		38,211	38,211	38,211		
9	M0000019	Dist	Overhead	Damages Caused by External Party	53,298	(41,335)	11,963	11,963		
10	M0000111	Dist	Substation	Peahi Sub 94		537,688	537,688	537,688		
11	M0000126	Trans	Substation	Sub4 Revenue Metering Upgr	20,250	11,534	31,784	31,784		
12	M0000215	General	Comm Eq	Sub 36 - Sub 3 - KBY Fiber Optic Link	347,070	(347,070)	-	-		
13	M0000229	General	Office F&E	Lifecycle Maintenance 02-03	57,070	(10,678)	46,392	46,392		
14	M0000260	Trans	Overhead	Transmission Line Repl Phase 3 (HG)		(1,101)	(1,101)	(1,101)		
15	M0000300	Dist	Tools & Eq	Replacement Distr. Tools & Equipment	45,823	(3,817)	41,806	41,806		
16	M0000301	General	Comm Eq	Makawao SCADA Installation	72,670	(72,670)	-	-		
17	M0000302	General	Comm Eq	Keanae SCADA Installation	72,670	(72,670)	-	-		
18	M0000316	Dist	Substation	Life Cycle Mgt-Batteries&Chargers	47,814	1,648	49,462	49,462		
19	M0000387	General	Comm Eq	Lanai SCADA Upgrade	178,954	(178,954)	-	-		
20	M0000390	Dist	Substation	Palaau Sub Tsf Repl		2,397	2,397			2,397
21	M0000391	Dist	Substation	Puunana Sub Tsf Repl		685	685			685
22	M0000400	Prod	Other	Fuel Storage Fire Sprinkler		250	250	250		
23	M0000423	Prod	Steam	K1 Generator Rotor Rewind	443,293	30,730	474,023	474,023		
24	M0000461	General	Misc	T&D/Main Offc Bldg Upgrade	81,968	(36,599)	45,369	45,369		
25	M0000519	Dist	Overhead	COM-H'Poko Well		10,120	10,120	10,120		
26	M0000523	Prod	Steam	KPP Upgr Fire System		44,152	44,152	44,152		
27	M0000525	Dist	Overhead	SOH H'akala Hwy Widening		882	882	882		
28	M0000531	General	Comm Eq	PowerTrax Customer Web Info	38,240	(33,095)	5,145	5,145		
29	M0000533	General	Misc	KBY 6" Water Line Modif		474	474	474		
30	M0000554	Dist	Overhead	COM-Lanai Police Station		(1,994)	(1,994)		(1,994)	
31	M0000558	Prod	Steam	K1 Generator Stator Rewind	597,390	(130,979)	466,411	466,411		
32	M0000561	Dist	Underground	Waiko Industrial Subdiv		(2,551)	(2,551)	(2,551)		
33	M0000617	Dist	Overhead	Nahiku Subdivision		161,681	161,681	161,681		
34	M0000629	Prod	Other	M14 CT Controls	586,995	51,618	638,613	638,613		
35	M0000637	Dist	Underground	Kaluakoi UG Main Fdr Repl Ph3	299,510	(299,510)	-	-		
36	M0000651	Dist	Underground	Mama's Fish House Upgrade		(1)	(1)	(1)		
37	M0000652	Dist	Overhead	SOH: Molokai Kawaiikapu Bridge UA# 1678	38,214	(920)	37,293	37,293		
38	M0000658	Dist	Overhead	Wailea Cap Bank #3	160,817	(160,817)	-	-		
39	M0000659	Dist	Overhead	Makawao 1200 KVAR Cap Bank	36,616	28,330	64,945	64,945		
40	M0000660	Trans	Overhead	Paia 23kv Breaker Repl	111,472	(69,050)	42,422	42,422		
41	M0000661	Dist	Overhead	Kihei Cap Bank #3	158,353	(158,353)	-	-		
42	M0000668	General	Comm Eq	Hana Mobile Radio Upgrade		90,467	90,467	90,467		
43	M0000680	Dist	Overhead	County of Maui-Mkt St Impvts	75,912	(21,751)	54,161	54,161		
44	M0000682	General	Comm Eq	HANA SCADA/FIBER		4,494	4,494	4,494		
45	M0000685	Trans	Overhead	Baldwin Pk to Holomua		687	687	687		
46	M0000687	Trans	Substation	Kanaha Tsf #B Replacement	582,274	290,241	872,515	872,515		
47	M0000688	Trans	Substation	KPP Spare Tsf Replacement	105,907	(382)	105,525	105,525		
48	M0000690	General	Comm Eq	T&D SCADA Equipment	172,320	(56,651)	115,669	115,669		
49	M0000695	General	Comm Eq	SCADA Mapboard		379	379	379		
50	M0000697	Trans	Overhead	69kV Reloc Waikapu	1,573,377	144,705	1,718,082	1,718,082		
51	M0000699	Dist	Underground	Pomaikai Ph 1	396,908	(396,908)	-	-		
52	M0000710	Dist	Overhead	COM Lwr HP Road Phase 4	519,245	(519,245)	-	-		
53	M0000712	Trans	Substation	Waiinu Sub 36 Unit Sub/69kv Brkr Addn		868	868	868		
54	M0000714	Trans	Substation	Kihei Sub 35 Replace Tsf 1		833	833	833		
55	M0000716	Dist	Overhead	Install Viper-E25 Onehee Ave	62,757	20,232	82,989	82,989		
56	M0000718	Dist	Overhead	Reconductor Ckt. 1347-Kanaha	183,165	(183,165)	-	-		
57	M0000719	Dist	Overhead	Recond-Kaahumanu-Papa/Kane	90,548	(90,548)	-	-		
58	M0000720	Dist	Underground	Reconductor-Mahalani St-UG	140,819	(140,819)	-	-		
59	M0000722	Prod	Other	M14 CEMS Replacement		88,525	88,525	88,525		
60	M0000723	Prod	Other	M16 CEMS Replacement		88,897	88,897	88,897		
61	M0000724	Prod	Steam	K1 Static Exciter	175,457	12,927	188,384	188,384		
62	M0000725	Prod	Steam	K2 Static Exciter	170,136	19,325	189,461	189,461		
63	M0000730	Trans	Substation	Sub 36 Unit 3 Tsf Addn	4,671	25,671	30,342	30,342		
64	M0000741	Dist	Underground	Clemence Subdivision	41,414	1,301	42,716	42,716		
65	M0000745	Dist	Overhead	Sys Imp Piiholo Farms III		51,277	51,277	51,277		
66	M0000747	Trans	Substation	Trans Syst Eq. Purch-Radiator	78,150	(7,019)	71,131	71,131		
67	M0000748	Trans	Overhead	Waiinu Sub 36 Unit Sub/69kv Brkr Addn		21,898	21,898	21,898		
68	M0000750	Prod	Other	KPP UPS Battery Charger		34,789	34,789	34,789		

Maui Electric Company, Limited
Estimated Capital Projects By Project Number To Be
Completed In The Year Ending December 31, 2007

Project #	Function	Category	Type	Description	A	B	C	D	E	F
					2007 Test Year	6/07 Bud Adj	Revised Test Year	Maui	Lanai	Molokai
69	M0000751	Trans	Substation	Trans.-Radiator MPP M123		43,183	43,183	43,183		
70	M0000758	General	Misc	Sub 36 Fence Slats	10,656	(10,656)	-	-		
71	M0000761	Dist	Underground	Kai Malu @ Wailea	235,061	(235,061)	-	-		
72	M0000765	Dist	Overhead	Kihei Kauhale Subdivision		579	579	579		
73	M0000767	Dist	Overhead	System Improvements Hikini Subdivision	58,415	76,543	134,958	134,958		
74	M0000770	Dist	Underground	Kamali'i Alayna Subd	139,093	(139,081)	13	13		
75	M0000771	Dist	Underground	Kamali'i Alayna OS		1,844	1,844	1,844		
76	M0000773	General	Misc	Lahaina Office Fence-Utility	11,136	(11,136)	-	-		
77	M0000775	Dist	Underground	West Maui Breakers	82,148	(9,925)	72,223	72,223		
78	M0000777	Trans	Substation	KPP K2 Tsf Replacement	283,093	24,502	307,595	307,595		
79	M0000778	Dist	Underground	WESTIN KOR Villas		84	84	84		
80	M0000780	Dist	Underground	Maui Lani Ph7 Incr2		10,203	10,203	10,203		
81	M0000781	Dist	Underground	Peahi Farms Offsite		462,582	462,582	462,582		
82	M0000782	Prod	Steam	KPP Compressor	94,318	1,681	95,999	95,999		
83	M0000783	Prod	Steam	KPP Tank#4 Roof	51,243	41	51,284	51,284		
84	M0000784	Prod	Steam	KPP Welding Lean to	39,645	42	39,687	39,687		
85	M0000785	Prod	Other	LL5 Radiator		(78,078)	-	-		
86	M0000786	Prod	Other	MPP Fuel Oil Transfer Pumps	102,327	106	102,433	102,433		
87	M0000787	Prod	Steam	KPP Used Oil Berm	104,617	8	104,625	104,625		
88	M0000788	Prod	Steam	K3 ID Fan		(57,705)	-	-		
89	M0000789	Prod	Steam	KPP Condensate Storage Tank Pedestal	69,729	(69,729)	-	-		
90	M0000790	Prod	Other	M12/13 CEMS Replacement	404,333	(103)	404,230	404,230		
91	M0000792	Prod	Other	MPP E-Cell	171,417	17,299	188,716	188,716		
92	M0000794	Prod	Other	LL6 Radiator	78,078	45	78,123		78,123	
93	M0000796	General	Comm Eq	SCADA Control Enhancements	104,612	(104,612)	-	-		
94	M0000800	Dist	Overhead	Puukollil Additional Circuits	441,956	(441,956)	-	-		
95	M0000801	Dist	Underground	System: Lipoa Parkway	636,498	(636,498)	-	-		
96	M0000802	Trans	Overhead	Hana 23KV Maliko-Sub 16	149,486	(149,486)	-	-		
97	M0000805	Dist	Substation	Relocate Camp Maui	461,751		424,339	424,339		
98	M0000806	Dist	Overhead	Kahakuloa Step Down Relocate	174,060	(174,060)	-	-		
99	M0000807	Dist	Substation	Mahinahina Sub 50 Repl Tsf 2	686,961	51,854	738,815	738,815		
100	M0000808	Dist	Overhead	Kihei 35 Add-Dist. To Hi Tech	153,773	(23,397)	130,376	130,376		
101	M0000809	Trans	Substation	Kihei Substation 35 - Transformer/Switchgear #	1,148,418	18,789	1,167,207	1,167,207		
102	M0000810	Dist	Substation	Napili Sub 29 Tsf. 2 Replace	661,416	80,238	741,654	741,654		
103	M0000811	Dist	Overhead	Kihei 35 Dist Add-Elou Pl	241,397	(241,397)	-	-		
104	M0000812	Dist	Underground	UG Sys Impvts Kualono Sub'd	384,205	(384,205)	-	-		
105	M0000813	General	Tools & Eq	MW Antenna Analyzer	35,626	(10,519)	25,107	25,107		
106	M0000814	General	Tools & Eq	Power Factor Tester	40,376	(40,376)	-	-		
107	M0000815	Trans	Substation	Hana DG Parallel Operations	16,893	345,795	362,688	362,688		
108	M0000817	General	Misc	Waena Secure Staging Area	140,269	(140,269)	-	-		
109	M0000819	Dist	Substation	LCM - Substation Equipment	175,362	(11,414)	163,948	163,948		
110	M0000820	General	Misc	Lanai Env Bldg Flresprinkler	52,772	174	52,946		52,946	
111	M0000821	General	Misc	MPP Security Cameras	74,560	(74,560)	-	-		
112	M0000822	General	Misc	Admin Transfer Switch	34,073	-	34,073	34,073		
113	M0000824	Dist	Substation	Haiku Sub Raise Tsf Bank	53,723	(53,723)	-	-		
114	M0000826	General	Comm Eq	Onehee SCADA Inst	72,670	(72,670)	-	-		
115	M0000827	General	Comm Eq	Walluku Heights SCADA inst	72,670	(72,670)	-	-		
116	M0000828	Dist	Underground	St. Francis Offsite	370,317	(370,317)	-	-		
117	M0000829	Dist	Underground	Ke Alii Villas	60,744	97,218	157,962	157,962		
118	M0000830	Dist	Underground	Lahaina Bypass	125,773	(125,773)	-	-		
119	M0000832	Trans	Overhead	Molokai 34kV OH Insulators	143,892	(73,248)	70,644			70,644
120	M0000834	Dist	Underground	Kah Airport Cable Upgrade	324,197	(324,197)	-	-		
121	M0000835	Dist	Underground	12th Inc. Reconduct Anl St.	123,348	30,434	153,782	153,782		
122	M0000839	Dist	Underground	Kai Makani Condo Offsite		3,620	3,620	3,620		
123	M0000840	General	Misc	CustSvc 2006 Renovation		(16,305)	(16,305)	(16,305)		
124	M0000841	Dist	Overhead	Sys Impvts Kapalua Vg Ph 1		45,118	45,118	45,118		
125	M0000842	Dist	Overhead	Walohuli Hikina Subdivision		152,090	152,090	152,090		
126	M0000844	Dist	Underground	Kihei Commercial HH Reloc		339	339	339		
127	M0000845	Dist	Underground	Land Court 960 Subdivision		45,891	45,891		45,891	
128	M0000846	Dist	Overhead	Highlands Estates Well Pump		138,806	138,806	138,806		
129	M0000847	Dist	Underground	Kilohana Waena Subdivision		54,569	54,569	54,569		
130	M0000848	Dist	Underground	The Courts @ Lanai City		50,257	50,257		50,257	
131	M0000850	Dist	Substation	SF6 Recovery System		24,610	24,610	24,610		
132	M0000852	Dist	Underground	Kai Makani Condo's Onsite		66,960	66,960	66,960		
133	M0000853	Dist	Underground	Caputo-OH to UG Conversion		173,440	173,440	173,440		
134	M0000854	Dist	Underground	Kihei Commercial Condo		98,912	98,912	98,912		
135	M0000855	Dist	Underground	Keokea Five LLC		(1,737)	(1,737)	(1,737)		
136	M0000857	Dist	Underground	St. Francis Onsite		160,247	160,247	160,247		
137	M0000858	Dist	Underground	Walolani Pikake Sub'd		50,606	50,606	50,606		
138	M0000859	Dist	Underground	Papali Wailea		68,849	68,849	68,849		
139	M0000860	Dist	Overhead	Walehu Kou Sub'd Ph 4		183,926	183,926	183,926		
140	M0000861	Dist	Underground	Kaanapali Sub'd		8,875	8,875	8,875		
141	M0000862	Dist	Underground	Parcel C Phase 2		48,324	48,324		48,324	

Maui Electric Company, Limited
Estimated Capital Projects By Project Number To Be
Completed In The Year Ending December 31, 2007

Project #	Function	Category	Type	Description	A	B	C	D	E	F
					2007 Test Year	6/07 Bud Adj	Revised Test Year	Maui	Lanai	Molokai
142	M0000863	Dist	Underground	E Paepae Sub'd		68,580	68,580	68,580		
143	M0000864	General	Comm Eq	Emergency Communications		21,076	21,076	21,076		
144	M0000865	General	Misc	MPP Security Camera Systems		52,338	52,338	52,338		
145	M0000867	Trans	Substation	KWP 1 Wind Farm		1,030	1,030	1,030		
146	M0000868	Dist	Substation	Makila Hydro Interconnection		8,517	8,517	8,517		
147	M0000869	Dist	Underground	Maui Lani Subd Ph7 Incr3		159,419	159,419	159,419		
148	M0000870	Trans	Substation	Waiehu Well Redclosers		275,140	275,140	275,140		
149	M0000871	Trans	Substation	Trans-Radiator K1		58,956	58,956	58,956		
150	M0000872	Dist	Underground	Ukumehame Ag Sub'd		363,381	363,381	363,381		
151	M0000873	Dist	Overhead	Kaanapali Dev Corp Pole Relo		34,569	34,569	34,569		
152	M0000874	Dist	Underground	Maui Oil Ofc Bldg/Car Wash		37,319	37,319	37,319		
153	M0000875	Dist	Underground	Kehalani Mauka Parkway Ext		250,019	250,019	250,019		
154	M0000876	Dist	Overhead	Sys Upgrade 7.2 kV Waiko Rd		22,949	22,949	22,949		
155	M0000877	Dist	Overhead	Waiehu Kou Subd Ph 4 Offsite		39,380	39,380	39,380		
156	M0000878	Dist	Underground	Waikapu Gardens Ph4		126,725	126,725	126,725		
157	M0000879	Prod	Other	M19 Hydraulic Starter Motor		68,184	68,184	68,184		
158	M0000880	Trans	Overhead	Repair Order R0008241		48,707	48,707	48,707		
159	M0000881	Dist	Overhead	Huelo Distr Upgrade		52,237	52,237	52,237		
160	M0000882	Dist	Underground	Phil Christopher		32,714	32,714	32,714		
161	M0000883	Dist	Underground	Flannery Offsite Project		45,634	45,634	45,634		
162	M0000885	Trans	Overhead	SOH Mokulele Hwy PH1A/UA		68,612	68,612	68,612		
163	M0000886	Dist	Underground	Kanepu'u		114,684	114,684	114,684		
164	M2600000	Prod	Other	MPP Minor PS Additions	32,472	5,315	37,787	37,787		
165	M2601000	Prod	Steam	KPP Minor PS Additions	25,636	(6,095)	19,541	19,541		
166	M2602000	Prod	Other	LPP Minor PS Addition	14,649	1,602	16,251		16,251	
167	M2603000	Prod	Other	MOE Minor PS Addition	14,649	(8,847)	5,802			5,802
168	M3030000	ROW	Dist	Minor R/W Purchase & Appraisal-Maui	16,500	(3,573)	12,927	12,927		
169	M3032000	ROW	Dist	Minor R/W Purchase & Appraisal-Lanai	600	(245)	355		355	
170	M3033000	ROW	Dist	Minor R/W Purchase & Appraisal-Molokai	2,700	(1,108)	1,593			1,593
171	M3200000	Prod	Other	MPP Minor PP Additions	28,078	12,456	40,534	40,534		
172	M3201000	Prod	Steam	KPP Minor PP Additions	23,195	9,650	32,845	32,845		
173	M3202000	Prod	Other	LPP Minor PP Additions	13,428	4	13,432		13,432	
174	M3203000	Prod	Other	MOE Minor PP Additions	13,428	4	13,432			13,432
175	M3300000	Trans	Substation	Transmission Sub Additions	38,901	(27,767)	11,134	11,134		
176	M3500000	Trans	Overhead	Minor Transmission Plant Lines	176,795	(5,076)	171,719	171,719		
177	M3543000	Trans	Overhead	Waiale To Sub 36 T&D Ln Reconstruction		261	261	261		
178	M3600000	Dist	Substation	Minor Distribution SS Addition	71,149	(29,486)	41,663	41,663		
179	M7000000	Dist	Services	OH Overhead Services & Extensions	829,441	8,557	837,998	837,998		
180	M7300000	Dist	Overhead	Minor Pole Line Relocation	19,586	33,418	53,004	53,004		
181	M7450000	Dist	Overhead	Minor Overhead Feeders & Conversion	9,588	(3,303)	6,285	6,285		
182	M7750000	Dist	Overhead	Other Overhead additions	336,302	188,178	524,480	524,480		
183	M7900000	Dist	Meters	Meters & Metering Equip. (RB)	503,807	271,562	775,369	775,369		
184	M7910000	Dist	Transformers	Transformer & Related Equip (RB)	1,351,240	776,966	2,128,206	2,128,206		
185	M7920000	Dist	Overhead	Minor State Hwy Projects	303,537	(235,861)	67,676	67,676		
186	M7990000	Dist	Street Light	Street Lights	79,990	(30,298)	49,692	49,692		
187	M8000000	Dist	Services	UG Underground Extensions & Services	3,501,637	(1,512,277)	1,989,360	1,989,360		
188	M8020000	Dist	Underground	In-Kind CIAC Maui	6,931,456	(0)	6,931,456	6,931,456		
189	M8500000	Dist	Underground	Minor OH-UG Conversions	125,149	24,699	149,848	149,848		
190	M8700000	Dist	Underground	Minor Cable Failure Replace	227,809	198,834	426,643	426,643		
191	M8900000	Dist	Underground	Other Underground Additions	60,821	27,971	88,792	88,792		
192	M8980000	Dist	Underground	Makena CKT 1395 Extension	750,121	(750,121)	-	-		
193	M9000000	General	Comm Eq	Minor Communication Facilities	26,040	(5,412)	20,628	20,628		
194	M9080000	General	Comm Eq	T&D Radio Equipment	10,236	(2,054)	8,182	8,182		
195	M9083000	General	Comm Eq	Mobile Radio Repl	27,324	(6,810)	20,514	20,514		
196	M9200000	General	Misc	Minor Gen Plant Add	52,298	(3,841)	48,457	48,457		
197	M9410000	General	Tools & Eq	Tools & Equip-T&D	149,217	1,986	151,203	151,203		
198	M9420000	General	Tools & Eq	Tools & Equip-Production	107,056	(967)	106,089	106,089		
199	M9660000	General	Office F&E	Office Furn and Equip Accounting	11,161	2	11,163	11,163		
200	M9661000	General	Office F&E	Office Furn and Equip Admin	30,357	(2,807)	27,551	27,551		
201	M9662000	General	Office F&E	Office Furn and Equip T&D	5,345	(561)	4,784	4,784		
202	M9663000	General	Office F&E	Office Furn and Equip Production	25,548	(6,077)	19,471	19,471		
203	M9664000	General	Office F&E	Office Furn and Equip Engineering	7,297	(1,311)	5,986	5,986		
204	M9665000	General	Office F&E	Office Furn and Equip Customer Service	4,967	4,558	9,525	9,525		
205	M9666000	General	Office F&E	Office Furn and Equip CORP	5,581	1	5,582	5,582		
206	M9800000	Veh	Vehicles	Vehicle Purchases	547,126	(182,726)	364,400	364,400		
207	MFern36	Trans	Overhead	Consolidated Bseyards 69/23 kV Reloc		97,905	97,905	97,905		
208	MFern37	Dist	Underground	Consolidated Bseyards Subd		227,687	227,687	227,687		
209	MFern38	Dist	Underground	Ritz Carlton Kapalua UG Reloc		140,313	140,313	140,313		
210	MFern34_	Dist	Underground	Kualapa Loop		124,568	124,568	124,568		
211	WShim24_	Dist	Underground	Hoonanea		27,547	27,547	27,547		
212	WShimizu20	Dist	Underground	Ukumehame Ag Offsite		245,931	245,931	245,931		
213				Subtotal - Non-Major Capital Projects	33,566,455	50,904	33,617,359	33,219,221	303,585	94,552
214				GRAND TOTAL PLANT ADDITIONS	33,874,750	3,629,848	37,504,598	37,106,460	303,585	94,552

Maui Electric Company, Limited
Estimated Specific Project Costs By Project Number
Completed In The Year Ending December 31, 2007

<u>Project #</u>	<u>Function</u>	<u>Category</u>	<u>Type</u>	<u>Description</u>	<u>A</u> <u>2007</u> <u>Test Year</u>	<u>B</u> <u>6/07</u> <u>Bud Adj</u>	<u>C</u> <u>Revised</u> <u>Test Year</u>
1	Aldic16	Dist	Underground	Kahalani South		228,036	228,036
2	Aldica15_	Dist	Underground	Kahalani Site 10		188,885	188,885
3	BJohns25_	Dist	Underground	Mokulele Hwy Widening PH1A-St Lts		136,846	136,846
4	BJohns29_	Dist	Underground	Hokulani Golf Villas		520,448	520,448
5	DOste26_	Dist	Underground	Ho'olei		179,517	179,517
6	DTaka53_	General	Misc	Engineering Storage Trailer		17,982	17,982
7	M000012	Trans	Substation	Waiinu Sub 36 Unit Sub/69kv Brkr Addn		38,211	38,211
8	M0000111	Dist	Substation	Peahi Sub 94		537,688	537,688
9	M0000126	Trans	Substation	Sub4 Revenue Metering Upgr	20,250	11,534	31,784
10	M0000215	General	Comm Eq	Sub 36 - Sub 3 - KBY Fiber Optic Link	347,070	(347,070)	-
11	M0000260	Trans	Overhead	Transmission Line Repl Phase 3 (HG)		(1,101)	(1,101)
12	M0000301	General	Comm Eq	Makawao SCADA Installation	72,670	(72,670)	-
13	M0000302	General	Comm Eq	Keanae SCADA Installation	72,670	(72,670)	-
14	M0000387	General	Comm Eq	Lanai SCADA Upgrade	178,954	(178,954)	-
15	M0000390	Dist	Substation	Palaau Sub Tsf Repl		2,397	2,397
16	M0000391	Dist	Substation	Puunana Sub Tsf Repl		685	685
17	M0000400	Prod	Other	Fuel Storage Fire Sprinkler		250	250
18	M0000423	Prod	Steam	K1 Generator Rotor Rewind	443,293	30,730	474,023
19	M0000519	Dist	Overhead	COM-H'Poko Well		10,120	10,120
20	M0000523	Prod	Steam	KPP Upgr Fire System		44,152	44,152
21	M0000525	Dist	Overhead	SOH H'akala Hwy Widening		882	882
22	M0000533	General	Misc	KBY 6" Water Line Modif		474	474
23	M0000554	Dist	Overhead	COM-Lanai Police Station		(1,994)	(1,994)
24	M0000558	Prod	Steam	K1 Generator Stator Rewind	597,390	(130,979)	466,411
25	M0000561	Dist	Underground	Waiko Industrial Subdiv		(2,551)	(2,551)
26	M0000617	Dist	Overhead	Nahiku Subdivision		161,681	161,681
27	M0000629	Prod	Other	M14 CT Controls	586,995	51,618	638,613
28	M0000637	Dist	Underground	Kaluakoi UG Main Fdr Repl Ph3	299,510	(299,510)	-
29	M0000651	Dist	Underground	Mama's Fish House Upgrade		(1)	(1)
30	M0000652	Dist	Overhead	SOH: Molokai Kawaikapu Bridge UA# 1678	38,214	(920)	37,293
31	M0000658	Dist	Overhead	Wailea Cap Bank #3	160,817	(160,817)	-
32	M0000659	Dist	Overhead	Makawao 1200 KVAR Cap Bank	36,616	28,330	64,945
33	M0000660	Trans	Overhead	Paia 23kv Breaker Repl	111,472	(69,050)	42,422
34	M0000661	Dist	Overhead	Kihei Cap Bank #3	158,353	(158,353)	-
35	M0000668	General	Comm Eq	Hana Mobile Radio Upgrade		90,467	90,467
36	M0000680	Dist	Overhead	County of Maui-Mkt St Impvts	75,912	(21,751)	54,161
37	M0000682	General	Comm Eq	HANA SCADA/FIBER		4,494	4,494
38	M0000685	Trans	Overhead	Baldwin Pk to Holomua		687	687
39	M0000687	Trans	Substation	Kanaha Tsf #B Replacement	582,274	290,241	872,515
40	M0000688	Trans	Substation	KPP Spare Tsf Replacement	105,907	(382)	105,525
41	M0000695	General	Comm Eq	SCADA Mapboard		379	379
42	M0000697	Trans	Overhead	69kv Reloc Waikapu	1,573,377	144,705	1,718,082
43	M0000699	Dist	Underground	Pomaikai Ph 1	396,908	(396,908)	-
44	M0000710	Dist	Overhead	COM Lwr HP Road Phase 4	519,245	(519,245)	-
45	M0000712	Trans	Substation	Waiinu Sub 36 Unit Sub/69kv Brkr Addn		868	868
46	M0000714	Trans	Substation	Kihei Sub 35 Replace Tsf 1		833	833
47	M0000716	Dist	Overhead	Install Viper-E25 Onehee Ave	62,757	20,232	82,989
48	M0000718	Dist	Overhead	Reconductor Ckt. 1347-Kanaha	183,165	(183,165)	-
49	M0000719	Dist	Overhead	Recond-Kaahumanu-Papa/Kane	90,548	(90,548)	-
50	M0000720	Dist	Underground	Reconductor-Mahalani St-UG	140,819	(140,819)	-
51	M0000722	Prod	Other	M14 CEMS Replacement		88,525	88,525
52	M0000723	Prod	Other	M16 CEMS Replacement		88,897	88,897
53	M0000724	Prod	Steam	K1 Static Exciter	175,457	12,927	188,384
54	M0000725	Prod	Steam	K2 Static Exciter	170,136	19,325	189,461

Maui Electric Company, Limited
Estimated Specific Project Costs By Project Number
Completed In The Year Ending December 31, 2007

Project #	Function	Category	Type	Description	A 2007 Test Year	B 6/07 Bud Adj	C Revised Test Year
55	M0000730	Trans	Substation	Sub 36 Unit 3 Tsf Addn	4,671	25,671	30,342
56	M0000741	Dist	Underground	Clemence Subdivision	41,414	1,301	42,716
57	M0000745	Dist	Overhead	Sys Imp Piiholo Farms III		51,277	51,277
58	M0000748	Trans	Overhead	Waiinu Sub 36 Unit Sub/69kv Brkr Addn		21,898	21,898
59	M0000750	Prod	Other	KPP UPS Battery Charger		34,789	34,789
60	M0000751	Trans	Substation	Trans.-Radiator MPP M123		43,183	43,183
61	M0000761	Dist	Underground	Kai Malu @ Wailea	235,061	(235,061)	-
62	M0000765	Dist	Overhead	Kihei Kauhale Subdivision		579	579
63	M0000767	Dist	Overhead	System Improvements Hikini Subdivision	58,415	76,543	134,958
64	M0000770	Dist	Underground	Kamali'i Alayna Subd	139,093	(139,081)	13
65	M0000771	Dist	Underground	Kamali'i Alayna OS		1,844	1,844
66	M0000775	Dist	Underground	West Maui Breakers	82,148	(9,925)	72,223
67	M0000777	Trans	Substation	KPP K2 Tsf Replacement	283,093	24,502	307,595
68	M0000778	Dist	Underground	Westin KOR Villas		84	84
69	M0000780	Dist	Underground	Maui Lani Ph7 Incr2		10,203	10,203
70	M0000781	Dist	Underground	Peahi Farms Offsite		462,582	462,582
71	M0000782	Prod	Steam	KPP Compressor	94,318	1,681	95,999
72	M0000783	Prod	Steam	KPP Tank#4 Roof	51,243	41	51,284
73	M0000784	Prod	Steam	KPP Welding Lean to	39,645	42	39,687
74	M0000785	Prod	Other	LL5 Radiator	78,078	(78,078)	-
75	M0000786	Prod	Other	MPP Fuel Oil Transfer Pumps	102,327	106	102,433
76	M0000787	Prod	Steam	KPP Used Oil Berm	104,617	8	104,625
77	M0000788	Prod	Steam	K3 ID Fan	57,705	(57,705)	-
78	M0000789	Prod	Steam	KPP Condensate Storage Tank Pedestal	69,729	(69,729)	-
79	M0000790	Prod	Other	M12/13 CEMS Replacement	404,333	(103)	404,230
80	M0000792	Prod	Other	MPP E-Cell	171,417	17,299	188,716
81	M0000794	Prod	Other	LL6 Radiator	78,078	45	78,123
82	M0000796	General	Comm Eq	SCADA Control Enhancements	104,612	(104,612)	-
83	M0000800	Dist	Overhead	Puukoli Additional Circuits	441,956	(441,956)	-
84	M0000801	Dist	Underground	System: Lipoa Parkway	636,498	(636,498)	-
85	M0000802	Trans	Overhead	Hana 23KV Maliko-Sub 16	149,486	(149,486)	-
86	M0000805	Dist	Substation	Relocate Camp Maui	461,751	(37,412)	424,339
87	M0000806	Dist	Overhead	Kahakuloa Step Down Relocate	174,060	(174,060)	-
88	M0000807	Dist	Substation	Mahinahina Sub 50 Repl Tsf 2	686,961	51,854	738,815
89	M0000808	Dist	Overhead	Kihei 35 Add-Dist. To Hi Tech	153,773	(23,397)	130,376
90	M0000809	Trans	Substation	Kihei Substation 35 - Transformer/Switchgear #	1,148,418	18,789	1,167,207
91	M0000810	Dist	Substation	Napili Sub 29 Tsf. 2 Replace	661,416	80,238	741,654
92	M0000811	Dist	Overhead	Kihei 35 Dist Add-Eleu PI	241,397	(241,397)	-
93	M0000812	Dist	Underground	UG Sys Impvts Kualono Sub'd	384,205	(384,205)	-
94	M0000813	General	Tools & Eq	MW Antenna Analyzer	35,626	(10,519)	25,107
95	M0000814	General	Tools & Eq	Power Factor Tester	40,376	(40,376)	-
96	M0000815	Trans	Substation	Hana DG Parallel Operations	16,893	345,795	362,688
97	M0000817	General	Misc	Waena Secure Staging Area	140,269	(140,269)	-
98	M0000820	General	Misc	Lanai Env Bldg Firesprinkler	52,772	174	52,946
99	M0000821	General	Misc	MPP Security Cameras	74,560	(74,560)	-
100	M0000822	General	Misc	Admin Transfer Switch	34,073	-	34,073
101	M0000824	Dist	Substation	Haiku Sub Raise Tsf Bank	53,723	(53,723)	-
102	M0000826	General	Comm Eq	Onehee SCADA Inst	72,670	(72,670)	-
103	M0000827	General	Comm Eq	Wailuku Heights SCADA Inst	72,670	(72,670)	-
104	M0000828	Dist	Underground	St. Francis Offsite	370,317	(370,317)	-
105	M0000829	Dist	Underground	Ke Alii Villas	60,744	97,218	157,962
106	M0000830	Dist	Underground	Lahaina Bypass	125,773	(125,773)	-
107	M0000832	Trans	Overhead	Molokai 34kv OH Insulators	143,892	(73,248)	70,644
108	M0000834	Dist	Underground	Kah Airport Cable Upgrade	324,197	(324,197)	-

Maui Electric Company, Limited
Estimated Specific Project Costs By Project Number
Completed In The Year Ending December 31, 2007

Project #	Function	Category	Type	Description	A 2007 Test Year	B 6/07 Bud Adj	C Revised Test Year
109	M0000835	Dist	Underground	12th Inc. Reconduct Ani St.	123,348	30,434	153,782
110	M0000839	Dist	Underground	Kai Makani Condo Offsite		3,620	3,620
111	M0000840	General	Misc	CustSvc 2006 Renovation		(16,305)	(16,305)
112	M0000841	Dist	Overhead	Sys Impvts Kapalua Vg Ph 1		45,118	45,118
113	M0000842	Dist	Overhead	Waiohuli Hikina Subdivision		152,090	152,090
114	M0000844	Dist	Underground	Kihei Commercial HH Reloc		339	339
115	M0000845	Dist	Underground	Land Court 960 Subdivision		45,891	45,891
116	M0000846	Dist	Overhead	Highlands Estates Well Pump		138,806	138,806
117	M0000847	Dist	Underground	Kilohana Waena Subdivision		54,569	54,569
118	M0000848	Dist	Underground	The Courts @ Lanai City		50,257	50,257
119	M0000850	Dist	Substation	SF6 Recovery System		24,610	24,610
120	M0000852	Dist	Underground	Kai Makani Condo's Onsite		66,960	66,960
121	M0000853	Dist	Underground	Caputo-OH to UG Conversion		173,440	173,440
122	M0000854	Dist	Underground	Kihei Commercial Condo		98,912	98,912
123	M0000855	Dist	Underground	Keokea Five LLC		(1,737)	(1,737)
124	M0000857	Dist	Underground	St. Francis Onsite		160,247	160,247
125	M0000858	Dist	Underground	Waiolani Pikake Sub'd		50,606	50,606
126	M0000859	Dist	Underground	Papali Wailea		68,849	68,849
127	M0000860	Dist	Overhead	Waiehu Kou Sub'd Ph 4		183,926	183,926
128	M0000861	Dist	Underground	Kaanapali Sub'd		8,875	8,875
129	M0000862	Dist	Underground	Parcel C Phase 2		48,324	48,324
130	M0000863	Dist	Underground	E Paepae Sub'd		68,580	68,580
131	M0000864	General	Comm Eq	Emergency Communications		21,076	21,076
132	M0000865	General	Misc	MPP Security Camera Systems		52,338	52,338
133	M0000867	Trans	Substation	KWP 1 Wind Farm		1,030	1,030
134	M0000868	Dist	Substation	Makila Hydro Interconnection		8,517	8,517
135	M0000869	Dist	Underground	Maui Lani Subd Ph7 Incr3		159,419	159,419
136	M0000870	Trans	Substation	Waiehu Well Reclosers		275,140	275,140
137	M0000871	Trans	Substation	Trans-Radiator K1		58,956	58,956
138	M0000872	Dist	Underground	Ukumehame Ag Sub'd		363,381	363,381
139	M0000873	Dist	Overhead	Kaanapali Dev Corp Pole Relo		34,569	34,569
140	M0000874	Dist	Underground	Maui Oil Ofc Bldg/Car Wash		37,319	37,319
141	M0000875	Dist	Underground	Kehalani Mauka Parkway Ext		250,019	250,019
142	M0000876	Dist	Overhead	Sys Upgrade 7.2 kV Waiko Rd		22,949	22,949
143	M0000877	Dist	Overhead	Waiehu Kou Subd Ph 4 Offsite		39,380	39,380
144	M0000878	Dist	Underground	Waikapu Gardens Ph4		126,725	126,725
145	M0000879	Prod	Other	M19 Hydraulic Starter Motor		68,184	68,184
146	M0000880	Trans	Overhead	Repair Order RO008241		48,707	48,707
147	M0000881	Dist	Overhead	Huelo Distr Upgrade		52,237	52,237
148	M0000882	Dist	Underground	Phil Christopher		32,714	32,714
149	M0000883	Dist	Underground	Flannery Offsite Project		45,634	45,634
150	M0000885	Trans	Overhead	SOH Mokulele Hwy PH1A/UA		68,612	68,612
151	M0000886	Dist	Underground	Kanepu'u		114,684	114,684
152	M3141001	Prod	Steam	MPP M18-18 MW Steam Turbine NI	308,295	3,578,944	3,887,239
153	M3543000	Trans	Overhead	Waiale To Sub 36 T&D Ln Reconstruction		261	261
154	M8020000	Dist	Underground	In-Kind CIAC Maui	6,931,456	(0)	6,931,456
155	M8980000	Dist	Underground	Makena CKT 1395 Extension	750,121	(750,121)	-
156	MFern36	Trans	Overhead	Consolidated Basesyards 69/23 kV Reloc		97,905	97,905
157	MFern37	Dist	Underground	Consolidated Bseyards Subd		227,687	227,687
158	MFern38	Dist	Underground	Ritz Carlton Kapalua UG Reloc		140,313	140,313
159	MFernan34_	Dist	Underground	Kualapa Loop		124,568	124,568
160	WShim24_	Dist	Underground	Hoonanea		27,547	27,547
161	WShimizu20	Dist	Underground	Ukumehame Ag Offsite		245,931	245,931
162				GRAND TOTAL PLANT ADDITIONS	24,272,473	4,361,342	28,633,815

Maui Electric Company, Limited
Estimated Straggling Costs By Project Number
For The Year Ending December 31, 2007

<u>Project #</u>	<u>Function</u>	<u>Category</u>	<u>Type</u>	<u>Description</u>	<u>A</u> <u>2007</u> <u>Test Year</u>	<u>B</u> <u>6/07</u> <u>Bud Adj</u>	<u>C</u> <u>Revised</u> <u>Test Year</u>
1	M000012	Trans	Substation	Waiinu Sub 36 Unit Sub/69kv Brkr Addn		38,211	38,211
2	M0000126	Trans	Substation	Sub4 Revenue Metering Upgr		31,784	31,784
3	M0000387	General	Comm Eq	Lanai SCADA Upgrade	6,280	(6,280)	-
4	M0000390	Dist	Substation	Palaa Sub Tsf Repl		2,397	2,397
5	M0000391	Dist	Substation	Puunana Sub Tsf Repl		685	685
6	M0000519	Dist	Overhead	COM-H'Poko Well		10,120	10,120
7	M0000523	Prod	Steam	KPP Upgr Fire System		44,152	44,152
8	M0000525	Dist	Overhead	SOH H'akala Hwy Widening		882	882
9	M0000561	Dist	Underground	Waiko Industrial Subdiv		(2,551)	(2,551)
10	M0000682	General	Comm Eq	HANA SCADA/FIBER		4,494	4,494
11	M0000685	Trans	Overhead	Baldwin Pk to Holomua		687	687
12	M0000695	General	Comm Eq	SCADA Mapboard		379	379
13	M0000697	Trans	Overhead	69kV Reloc Waikapu	11,201	2,420	13,621
14	M0000712	Trans	Substation	Waiinu Sub 36 Unit Sub/69kv Brkr Addn		868	868
15	M0000714	Trans	Substation	Kihei Sub 35 Replace Tsf 1		833	833
16	M0000722	Prod	Other	M14 CEMS Replacement		88,525	88,525
17	M0000723	Prod	Other	M16 CEMS Replacement		88,897	88,897
18	M0000725	Prod	Steam	K2 Static Exciter		96,678	96,678
19	M0000730	Trans	Substation	Sub 36 Unit 3 Tsf Addn	4,671	25,671	30,342
20	M0000748	Trans	Overhead	Waiinu Sub 36 Unit Sub/69kv Brkr Addn		21,898	21,898
21	M0000750	Prod	Other	KPP UPS Battery Charger		641	641
22	M0000765	Dist	Overhead	Kihei Kauhale Subdivision		579	579
23	M0000770	Dist	Underground	Kamali'i Alayna Subd		13	13
24	M0000771	Dist	Underground	Kamali'i Alayna OS		1,844	1,844
25	M0000778	Dist	Underground	Westin KOR Villas		84	84
26	M0000780	Dist	Underground	Maui Lani Ph7 Incr2		10,203	10,203
27	M0000809	Trans	Substation	Kihei Substation 35 - Transformer/Switchgear #	833	4,158	4,991
28	M0000815	Trans	Substation	Hana DG Parallel Operations	16,893	(16,893)	-
29	M0000839	Dist	Underground	Kai Makani Condo Offsite		3,620	3,620
30	M0000840	General	Misc	CustSvc 2006 Renovation		(16,305)	(16,305)
31	M0000844	Dist	Underground	Kihei Commercial HH Reloc		339	339
32	M0000845	Dist	Underground	Land Court 960 Subdivision		45,891	45,891
33	M0000846	Dist	Overhead	Highlands Estates Well Pump		159	159
34	M0000852	Dist	Underground	Kai Makani Condo's Onsite		66,960	66,960
35	M0000855	Dist	Underground	Keokea Five LLC		(1,737)	(1,737)
36	M0000867	Trans	Substation	KWP 1 Wind Farm		1,030	1,030
37	M0000868	Dist	Substation	Makila Hydro Interconnection		8,517	8,517
38	M0000874	Dist	Underground	Maui Oil Ofc Bldg/Car Wash		(928)	(928)
39	M0000878	Dist	Underground	Waikapu Gardens Ph4		4,394	4,394
40	M0000885	Trans	Overhead	SOH Mokulele Hwy PH1A/UA		977	977
41	M3141001	Prod	Steam	MPP M18-18 MW Steam Turbine NI	308,295	3,578,944	3,887,239
42	M3543000	Trans	Overhead	Waiale To Sub 36 T&D Ln Reconstruction		261	261
43	M8980000	Dist	Underground	Makena CKT 1395 Extension	62,409	(62,409)	-
44	MFern36	Trans	Overhead	Consolidated Baseyards 69/23 kV Reloc		694	694
Total Estimated Straggling Costs					410,582	4,081,783	4,492,365

Maui Electric Company, Limited
Estimated Program Expenditures By Project Number
Completed In The Year Ending December 31, 2007

Project #	Function	Category	Type	Description	A 2007 Test Year	B 6/07 Bud Adj	C Revised Test Year
1	M000019	Dist	Overhead	Damages Caused by External Party	53,298	(41,335)	11,963
2	M0000229	General	Office F&E	Lifecycle Maintenance 02-03	57,070	(10,678)	46,392
3	M0000300	Dist	Tools & Eq	Replacement Distr. Tools & Equipment	45,623	(3,817)	41,806
4	M0000316	Dist	Substation	Life Cycle Mgt-Batteries&Chargers	47,814	1,648	49,462
5	M0000461	General	Misc	T&D/Main Offc Bldg Upgrade	81,968	(36,599)	45,369
6	M0000531	General	Comm Eq	PowerTrax Customer Web Info	38,240	(33,095)	5,145
7	M0000690	General	Comm Eq	T&D SCADA Equipment	172,320	(56,651)	115,669
8	M0000747	Trans	Substation	Trans Syst Eq. Purch-Radiator	78,150	(7,019)	71,131
9	M0000758	General	Misc	Sub 36 Fence Slats	10,656	(10,656)	-
10	M0000773	General	Misc	Lahaina Office Fence-Utility	11,136	(11,136)	-
11	M0000819	Dist	Substation	LCM - Substation Equipment	175,362	(11,414)	163,948
12	M2600000	Prod	Other	MPP Minor PS Additions	32,472	5,315	37,787
13	M2601000	Prod	Steam	KPP Minor PS Additions	25,636	(6,095)	19,541
14	M2602000	Prod	Other	LPP Minor PS Addition	14,649	1,602	16,251
15	M2603000	Prod	Other	MOE Minor PS Addition	14,649	(8,847)	5,802
16	M3030000	ROW	Dist	Minor R/W Purchase & Appraisal-Maui	16,500	(3,573)	12,927
17	M3032000	ROW	Dist	Minor R/W Purchase & Appraisal-Lanai	600	(245)	355
18	M3033000	ROW	Dist	Minor R/W Purchase & Appraisal-Molokai	2,700	(1,108)	1,593
19	M3200000	Prod	Other	MPP Minor PP Additions	28,078	12,456	40,534
20	M3201000	Prod	Steam	KPP Minor PP Additions	23,195	9,650	32,845
21	M3202000	Prod	Other	LPP Minor PP Additions	13,428	4	13,432
22	M3203000	Prod	Other	MOE Minor PP Additions	13,428	4	13,432
23	M3300000	Trans	Substation	Transmission Sub Additions	38,901	(27,767)	11,134
24	M3500000	Trans	Overhead	Minor Transmission Plant Lines	176,795	(5,076)	171,719
25	M3600000	Dist	Substation	Minor Distribution SS Addition	71,149	(29,486)	41,663
26	M7000000	Dist	Services	OH Overhead Services & Extensions	829,441	8,557	837,998
27	M7300000	Dist	Overhead	Minor Pole Line Relocation	19,586	33,418	53,004
28	M7450000	Dist	Overhead	Minor Overhead Feeders & Conversion	9,588	(3,303)	6,285
29	M7750000	Dist	Overhead	Other Overhead additions	336,302	188,178	524,480
30	M7900000	Dist	Meters	Meters & Metering Equip. (RB)	503,807	271,562	775,369
31	M7910000	Dist	Transformers	Transformer & Related Equip (RB)	1,351,240	776,966	2,128,206
32	M7920000	Dist	Overhead	Minor State Hwy Projects	303,537	(235,861)	67,676
33	M7990000	Dist	Street Light	Street Lights	79,990	(30,298)	49,692
34	M8000000	Dist	Services	UG Underground Extensions & Services	3,501,637	(1,512,277)	1,989,360
35	M8500000	Dist	Underground	Minor OH-UG Conversions	125,149	24,699	149,848
36	M8700000	Dist	Underground	Minor Cable Failure Replace	227,809	198,834	426,643
37	M8900000	Dist	Underground	Other Underground Additions	60,821	27,971	88,792
38	M9000000	General	Comm Eq	Minor Communication Facilities	26,040	(5,412)	20,628
39	M9080000	General	Comm Eq	T&D Radio Equipment	10,236	(2,054)	8,182
40	M9083000	General	Comm Eq	Mobile Radio Repl	27,324	(6,810)	20,514
41	M9200000	General	Misc	Minor Gen Plant Add	52,298	(3,841)	48,457
42	M9410000	General	Tools & Eq	Tools & Equip-T&D	149,217	1,986	151,203
43	M9420000	General	Tools & Eq	Tools & Equip-Production	107,056	(967)	106,089
44	M9660000	General	Office F&E	Office Furn and Equip Accounting	11,161	2	11,163
45	M9661000	General	Office F&E	Office Furn and Equip Admin	30,357	(2,807)	27,551
46	M9662000	General	Office F&E	Office Furn and Equip T&D	5,345	(561)	4,784
47	M9663000	General	Office F&E	Office Furn and Equip Production	25,548	(6,077)	19,471
48	M9664000	General	Office F&E	Office Furn and Equip Engineering	7,297	(1,311)	5,986
49	M9665000	General	Office F&E	Office Furn and Equip Customer Service	4,967	4,558	9,525
50	M9666000	General	Office F&E	Office Furn and Equip CORP	5,581	1	5,582
51	M9800000	Veh	Vehicles	Vehicle Purchases	547,126	(182,726)	364,400
52	GRAND TOTAL PLANT ADDITIONS				9,602,277	(731,494)	8,870,783

Maui Electric Company, Limited

Test Year 2007

SPECIFIC PROJECTS OVER \$1,000,000 AND LESS THAN \$2,500,000
TO BE ADDED TO PLANT

(\$ Thousands)

(A)	(B)	(C)	(D)	(E)	(F)
<u>Project No.</u>	<u>Project Description</u>	<u>2007</u> <u>Test Year</u>	<u>6/07</u> <u>BUD ADJ</u>	<u>Revised</u> <u>Test Year</u>	<u>Reference</u>
1 M0000697	69kV Waikapu Relocation	1,573	145	1,718	MECO-WP-1401B
2 M0000809	Kihei Unit Substation #4 Addition	1,148	19	1,167	MECO-WP-1401B

Maui Electric Company, Limited

2007

PLANT RETIREMENTS

(\$ Thousands)

	A			B			C			D			E			F			G			H			I			J			K			L			Reference
	2007 Test Year	6/07 Bud Adj	Revised Test Year																																		
1	Production Plant	22	(0)	22	-	-	-	-	-	-	-	-	-	-	-	22	(0)	22	MECO-WP-1404A																		
2	Transmission Plant	72	8	79	-	-	-	-	-	-	-	-	-	-	72	8	79	MECO-WP-1404A																			
3	Distribution Plant	493	(47)	446	6	(5)	1	7	(0)	7	506	(52)	454	MECO-WP-1404A																							
4	General Plant	431	290	722	-	-	-	37	(0)	37	468	290	758	MECO-WP-1404A																							
5	Total	1,018	251	1,269	6	(5)	1	44	(0)	44	1,068	246	1,314	MECO-WP-1404A																							

Note: General Plant Include Vehicles

REVISED W/ 2006 ACTUALS

Maui Electric Company, Limited
Historical Plant Retirements
For Years Ended December 31, 2001 - 2005

Functional Group	A 2002	B 2003	C 2004	D 2005	E 2006	F Total	H 2007 Test Year	I 6/07 Bud Adj	G Revised Test Year
MAUI									
1 Production	1,588	107,162	-	966	-	109,716	22,067	(124)	21,943
2 Transmission	-	106,756	237,374	6,247	44,881	395,257	71,540	7,512	79,051
3 Distribution	116,618	606,968	733,020	274,807	498,622	2,230,036	492,837	(46,830)	446,007
4 General	209,714	92,178	136,678	74,934	15,592	529,096	125,605	(19,786)	105,819
5 Vehicles	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1
6 Total	<u>327,920</u>	<u>913,063</u>	<u>1,107,072</u>	<u>356,954</u>	<u>559,095</u>	<u>3,264,105</u>	<u>712,049</u>	<u>(59,228)</u>	<u>652,821</u>
LANAI									
7 Production	-	-	-	-	-	-	-	-	-
8 Transmission	-	-	-	-	-	-	-	-	-
9 Distribution	-	-	4,582	1,027	38	5,647	6,180	(5,051)	1,129
10 General	-	-	-	-	-	-	-	-	-
11 Vehicles	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1
12 Total	<u>-</u>	<u>-</u>	<u>4,582</u>	<u>1,027</u>	<u>38</u>	<u>5,647</u>	<u>6,180</u>	<u>(5,051)</u>	<u>1,129</u>
MOLOKAI									
13 Production	-	-	-	-	-	-	-	-	-
14 Transmission	-	-	-	-	-	-	-	-	-
15 Distribution	-	624	33,631	834	182	35,271	7,108	(54)	7,054
16 General	-	14,535	5,067	-	-	19,602	3,920	-	3,920
17 Vehicles	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1
18 Total	<u>-</u>	<u>15,159</u>	<u>38,698</u>	<u>834</u>	<u>182</u>	<u>54,873</u>	<u>11,028</u>	<u>(54)</u>	<u>10,975</u>
TOTAL MECO									
19 Production	1,588	107,162	-	966	-	109,716	22,067	(124)	21,943
20 Transmission	-	106,756	237,374	6,247	44,881	395,257	71,540	7,512	79,051
21 Distribution	116,618	607,592	771,233	276,668	498,842	2,270,954	506,125	(51,935)	454,191
22 General	209,714	106,713	141,745	74,934	15,592	548,698	129,525	(19,786)	109,740
23 Vehicles	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1
24 Total	<u>327,920</u>	<u>928,222</u>	<u>1,150,352</u>	<u>358,815</u>	<u>559,315</u>	<u>3,324,624</u>	<u>729,257</u>	<u>(64,332)</u>	<u>664,925</u>
							2007 Test Year	6/07 Bud Adj	Revised Test Year
2007 Vehicle Retirements							338,462	310,267	648,729
							Total 2007 Test Year	Total 6/07 Bud Adj	Total Revised Test Year
							1,067,719	245,935	1,313,654

Note 1

Vehicle retirement were determined separately based on the actual cost of vehicle designated for retirement.

Maui Electric Company, Limited
Vehicles - Projected Retirements for 2007

		A	B	C
Vehicle #	Lanai/ Molokai	2007 Test Year	6/07 Bud Adj	Revised Test Year
1	M-540	-	25,047.34	25,047.34
2	M-955	-	24,345.17	24,345.17
3	M-081	-	28,109.10	28,109.10
4	M-431	-	13,597.13	13,597.13
5	M-137	-	101,406.72	101,406.72
6	M-164	-	117,761.45	117,761.45
7	M-166	119,089.85		119,089.85
8	M-012	32,414.78		32,414.78
9	M-105	35,562.70		35,562.70
10	M-110	24,230.57		24,230.57
11	M-409	12,403.05		12,403.05
12	M-430	13,597.13		13,597.13
13	M-753	25,171.22		25,171.22
14	M-907	19,825.29		19,825.29
15	M-908	23,507.55		23,507.55
16	M-208 Molokai	32,659.78		32,659.78
17	Totals	<u>338,461.92</u>	<u>310,266.91</u>	<u>648,728.83</u>
By Division:				
18	Maui	305,802.14	310,266.91	616,069.05
19	Lanai	-	-	-
20	Molokai	<u>32,659.78</u>	-	<u>32,659.78</u>
21	Totals	<u>338,461.92</u>	<u>310,266.91</u>	<u>648,728.83</u>

Maui Electric Company, Limited
2007
CONTRIBUTIONS IN AID OF CONSTRUCTION
(\$ Thousands)

	(A)	(B)	(C)	(D)	(E)
	<u>Maui</u>	<u>Lanai</u>	<u>Molokai</u>	<u>Total</u>	<u>Reference</u>
1 Receipts (2007 Test Year)	1,915	75	328	2,318	
2 Receipts (6/07 Budget Adjustment)	1,399	17	319	1,735	
3 Receipts (Revised Test Year)	3,314	92	647	4,053	MECO-WP-1406C
4 Transfers from Customer Advances	212	-	108	320	MECO-WP-1406B
5 Net Cash CIAC	3,526	92	755	4,373	MECO-WP-1406C
6 In-Kind	6,931	-	-	6,931	MECO-WP-1406D

Maui Electric Company, Limited
Estimated Cash Contributions-in-Aid of Construction (CIAC)
For Year Ending December 31, 2007

(In Thousands)

	A	B	C	D	E	F	G	H	I	J
	Actual CIAC Received						2007	6/07	Revised	
Division	2002	2003	2004	2005	2006	Total	5-Yr Avg	Test Year	Bud Adj	Test Year
1 Maui	1,452	2,130	1,409	2,606	3,765	11,362	2,272	2,127	1,399	3,526
2 Lanai	17	(6)	138	45	103	297	59	75	17	92
3 Molokai	13	26	45	1,851	493	2,428	486	436	319	755
4 Total	1,482	2,149	1,592	4,503	4,360	14,086	2,817	2,638	1,735	4,373

	2002	2003	2004	2005	2006	Total	5-Yr Avg	2007	6/07	Revised
Blanket Programs								Test Year	Bud Adj	Test Year
5 M700000	890	947	1,186	776	574	4,373		1,271	513	1,784
6 M730000	407	102	146	58	413	1,126		270	(124)	146
7 M792000	728	434	158	18	97	1,435		304	(56)	248
8 M799000	177	36	60	55	55	383		80	32	112
9 M800000	2,985	4,613	3,914	4,588	5,253	21,353		4,289	2,360	6,649
10 M850000	30	37	31	507	248	853		125	99	224
11 Total	5,217	6,169	5,495	6,002	6,640	29,523	5,905	6,339	2,825	9,164

CIAC as % of Expenditures 47.71% 41.62% 47.71%

Note: Figures may not total exactly due to rounding

Maui Electric Company, Limited

2007

CUSTOMER ADVANCES

(\$ Thousands)

	(A) <u>Maui</u>	(B) <u>Lanai</u>	(C) <u>Molokai</u>	(D) <u>Total</u>	(E) <u>Reference</u>
1 Receipts (2007 Test Year)	1,198	59	50	1,307	
2 Receipts (6/07 Budget Adjustment)	780	9	(8)	781	
3 Receipts (Revised Test Year)	1,978	68	42	2,088	MECO-WP-1407A
4 Refunds (2007 Test Year)	(587)	(12)	(3)	(602)	
5 Refunds (6/07 Budget Adjustment)	(251)	(15)	1	(265)	
6 Refunds (Revised Test Year)	(838)	(27)	(2)	(867)	MECO-WP-1407B
7 Transfers to CIAC	(212)	-	(108)	(320)	MECO-WP-1406B

Maui Electric Company, Limited
Customer Advances Receipts
For Years Ending December 31, 2006-2007

(In Thousands)

	A	B	C	D	E	F	G	H	I	J
	Actual Advances Received							2007	6/07	Revised
Division	2002	2003	2004	2005	2006	Total	5-Yr Avg	Test Year	Bud Adj	Test Year
1 Maui	1,114	1,048	1,409	981	1,824	6,376	1,275	1,198	780	1,978
2 Lanai	42	16	76	79	4	218	44	59	9	68
3 Molokai	55	28	27	0	22	133	27	50	(8)	42
4 Total	1,211	1,093	1,513	1,060	1,850	6,726	1,345	1,307	781	2,088

	Actual Expenditures							2007	6/07	Revised
Blanket Programs	2002	2003	2004	2005	2006	Total	5-Yr Avg	Test Year	Bud Adj	Test Year
5 M700000	890	947	1,186	776	574	4,373		1,271	513	1,784
6 M730000	407	102	146	58	413	1,126		270	(124)	146
7 M792000	728	434	158	18	97	1,435		304	(56)	248
8 M799000	177	36	60	55	55	383		80	32	112
9 M800000	2,985	4,613	3,914	4,588	5,253	21,353		4,289	2,360	6,649
10 M850000	30	37	31	507	248	853		125	99	224
11 Total	5,217	6,169	5,495	6,002	6,640	29,523	5,905	6,339	2,825	9,164

Customer Advances as % of Expenditures 22.78% 20.62% 22.78%

Totals may not add due to rounding

Maui Electric Company, Limited
Customer Advance Refunds
2006 - 2007 Forecast

(\$ Thousands)		A	B	C	D	E	F	G	H	I	J
		2001	2002	2003	2004	2005	2006	5 Year Average	Estimated 2007	June 2007 Adjustment	Revised 2007
Refunds											
1	Maui		1,226	515	776	586	1,550	931	587	251	838
2	Lanai		72	-	-	-	187	52	12	15	27
3	Molokai		81	32	30	9	161	62	3	(1)	2
4	Total		<u>1,379</u>	<u>547</u>	<u>806</u>	<u>595</u>	<u>1,898</u>	<u>1,045</u>	<u>602</u>	<u>265</u>	<u>867</u>

Advance Balance Ending 12/31

5	Maui	5,397	5,282	4,884	5,411	4,569	4,499	5,109
6	Lanai	262	239	256	331	409	186	299
7	Molokai	<u>2,778</u>	<u>2,752</u>	<u>2,634</u>	<u>2,620</u>	<u>790</u>	<u>160</u>	<u>2,315</u>
8		<u>8,437</u>	<u>8,273</u>	<u>7,774</u>	<u>8,362</u>	<u>5,768</u>	<u>4,845</u>	<u>7,723</u>

Refunds as a % of Prior Year Ending Balance

Maui	22.72%	9.76%	15.88%	10.83%	33.92%	18.62%
Lanai	27.49%	0.00%	0.00%	0.00%	45.68%	14.63%
Molokai	2.93%	1.15%	1.12%	0.34%	20.38%	1.11%